## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10567347".rlan. or ("10". src. and "567347".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/07/08 11:56
S2	2837	"429"/\$.ccls. and (alkaline near2 battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 11:57
S3	75	\$2 and ((positive with (active adj material)) with (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 11:58
S4	163	(alkaline near2 battery) and ((positive with (active adj material)) with (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 11:58
S5	196	(alkaline near2 battery) and (((positive cathode) with (active adj material)) with (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 13:49
S6	0	S5 and (((x-ray xray x \$1ray) near2 diffraction) same ((Cu copper) near2 target))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 13:55
S7	60	S5 and ((x-ray xray x \$1ray) near2 diffraction)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 13:56
<b>S8</b>	20	S5 and (((zinc adj oxide) (calcium adj oxide) (yttrium adj oxide) (titanium adj oxide) (cobalt adj oxide)) same ((positive cathode) near2 active))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:09
S9	36	S5 and (((zinc adj oxide) (calcium adj oxide) (yttrium adj oxide) (titanium adj oxide) (cobalt adj oxide)) same (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:13
S10	400	((alkaline near2 battery) and (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:17

S11	22	S10 and ((".beta."\$1type or beta\$1type or ".beta type" or beta-type) with (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:18
S12	752	(battery and (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:19
S13	28	S12 and ((".beta."\$1type or beta\$1type or ".beta type" or beta-type) with (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:19
S14	18	S12 and (((Co cobalt) with (trivalent valence valency)) same (nickel adjoxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 15:30
S15	208	S12 and ((Ca calcium yttrium yt titanium ti! zinc zn!) with (nickel adj oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/08 15:43
S16	1	"0831542"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/09 10:31
S17	19	"831542"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/09 10:31
S18	67	((FUMIO) near2 (KATO)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 10:33
S19	25	((SHIGETO) near2 (NOYA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/09 10:33
S20	0	09/671017	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 08:46
S21	0	"09671017"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 08:46
S22	2	"10270042"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 10:31
S23	1	"10567347".rlan. or ("10". src. and "567347".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/01/31 09:47
S24	53	"429"/\$.ccls. and (((nickel adj oxyhydroxide) NiOOH!) same (crystal adj structure))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:49
S25	105	"429"/\$.ccls. and (((nickel adj oxyhydroxide) NiOOH!) same crystal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:50

S26	62	S25 and (spherical with nickel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:54
S27	62	S25 and (spherical with (NiOOH nickel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 09:54
S28	41	S27 and (sulfate and hydroxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 10:20
S29	9	S28 and ((sodium adj hydroxide) with (oxidizing oxidize oxidization oxidized))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 10:28
S30	11	S28 and ((sodium adj hydroxide) with (NiOOH (nickel adj oxyhydroxide) oxidizing oxidize oxidization oxidized))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 10:29
S31	8	S30 and ((NiOOH (nickel adj oxyhydroxide)) same (valence valency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 10:50
S32	0	"10466615"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/02/13 13:16
S33	4704	"429"/\$.ccls. and (alkaline with (battery batteries))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/28 11:08
S34	453	S33 and (NiOOH ((Ni nickel) with oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/28 11:09
S35	161	S34 and spherical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/28 11:09
S36	44	S34 and (spherical with (NiOOH oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/28 11:09
<b>S</b> 37	32	S36 and beta	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/28 11:10
S38	265	"429"/\$.ccls. and ((alkaline with electrolyte) same (non\$1aqueous with electrolyte))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 13:56
S39	90	"429"/\$.ccls. and ((alkaline with electrolyte) same (nickel near2 oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/04 13:58

S40	2	"4370395".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:01
S41	91	"429"/\$.ccls. and ((((sodium adj hydroxide) alkaline) with electrolyte) same (nickel near2 oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:35
S42	108	"429"/\$.ccls. and ((((potassium adj hydroxide) alkaline) with electrolyte) same (nickel near2 oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:36
S43	352	"429"/\$.ccls. and ((((potassium adj hydroxide) alkaline) with electrolyte) and (nickel near2 oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:36
S44	26	S43 and (beta\$1type (beta near2 type))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:36
S45	80	S43 and (sulfate same pH!)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:37
S46	26	S43 and (beta\$1type (beta near2 type) ". beta."\$1type)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:38
S47	18	S46 and (sulfate same pH!)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:38
S48	320	"429"/\$.ccls. and ((((sodium adj hydroxide) alkaline) with electrolyte) and (nickel near2 oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 09:54
S49	513	"429"/\$.ccls. and ((((potassium adj hydroxide) alkaline) with electrolyte) and (NiOOH (nickel near2 oxyhydroxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:06
S50	30	S49 and (beta\$1type (beta near2 type) ". beta."\$1type)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:06
S51	11	S49 and (sulfate same pH! same oxidiz\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:07

S52	66	S49 and ((sulfate same pH!) and ((nickel adj hydroxide) same oxidiz \$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:07
S53	15	S52 and (beta\$1type (beta near2 type) ". beta."\$1type)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:08
S54	80	((FUMIO) near2 (KATO)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 10:18
S55	32	((SHIGETO) near2 (NOYA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/08 10:18
S56	104	S54 S55 and "429"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:18
S57	43	\$56 and (alkaline with (battery batteries electrolyte))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/08 10:18
S58	31	S56 and (NiOOH (Nickel near2 oxyhydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/08 10:19
S59	12	\$58 and (".beta."\$1type beta\$1type (beta near2 type))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/06/08 10:19
S60	0	("2007/0212612").URPN.	USPAT	OR	OFF	2009/06/08 10:32
S61	4	"5772266"	USPAT	OR	OFF	2009/06/08 10:43
S62	1	"57-72266"	USPAT	OR	OFF	2009/06/08 10:43
S63	3	4-80513	USPAT	OR	OFF	2009/06/08 10:43
S64	0	7-77129	USPAT	OR	OFF	2009/06/08 10:44
S65	6	"5772266"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:44
S66	9	"57-72266"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:44
S67	8	4-80513	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:44
S68	4	7-77129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:44
S69	2	"200208650"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:45

S70	5	"2002-8650"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:45
S71	5	"2002008650"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:45
S72	4	"2002075354"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:45
S73	2	"2002203546"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:46
S74	4	"2002015106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:46
S75	2	"200215106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:46
S76	4	"2001015106"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:46
S77	2	"2002289187"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 10:47
S78	25	S49 and (((cobalt and zinc) near2 sulfate) same (nickel near2 sulfate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/08 11:04
S79	514	"429"/\$.ccls. and ((((potassium adj hydroxide) alkaline) with electrolyte) and (NiOOH (nickel near2 oxyhydroxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/09 08:05
S80	38	S79 and ((nickel near2 hydroxide) same ((oxidation near2 treatment) (chemical near2 oxidation)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/09 08:05
S81	514	"429"/\$.ccls. and ((((potassium adj hydroxide) alkaline) with electrolyte) and (NiOOH (nickel near2 oxyhydroxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/09 09:06
S82	77	S81 and ((NiOOH (nickel near2 oxyhydroxide)) same (valence valency (oxidation near2 (state charge))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/06/09 09:06

S83	37	S82 and ((\$1beta\$1 beta)	US-PGPUB;	OR	OFF	2009/06/09
		with (NiOOH (nickel adj	USPAT; EPO;			09:07
		oxyhydroxide)))	JPO; DERWENT			

6/10/2009 1:20:22 PM

 $\textbf{C:} \ \textbf{Documents} \ \textbf{and Settings} \ \textbf{aarciero} \ \textbf{My Documents} \ \textbf{EAST} \ \textbf{Workspaces} \ \textbf{10-567347-alkaline battery.wsp}$